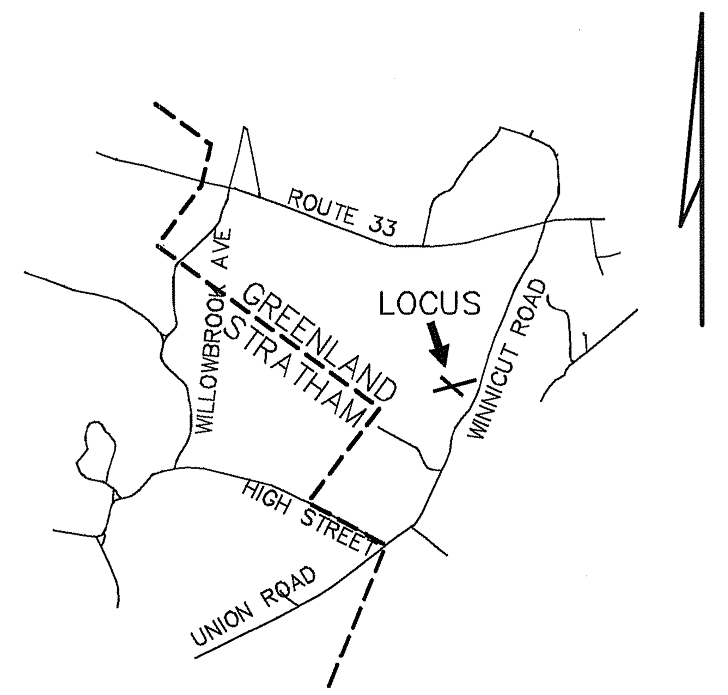
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 38 ELDRIDGE

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET PK APPROX EP ELEV 50.0

#2 SET PK COR EP AND WALKWAY EL 53.05

#3 TOP FOUNDATION WALL EL 55.76

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.5
2. THERE IS/ARE APPROX 1.5' FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 52)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

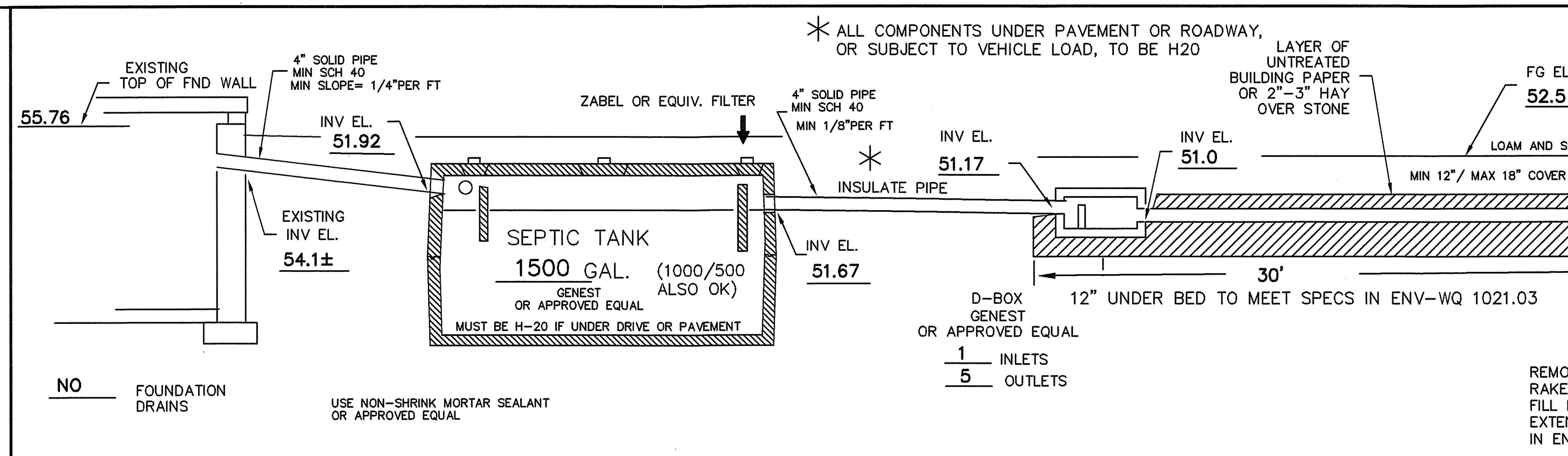
50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

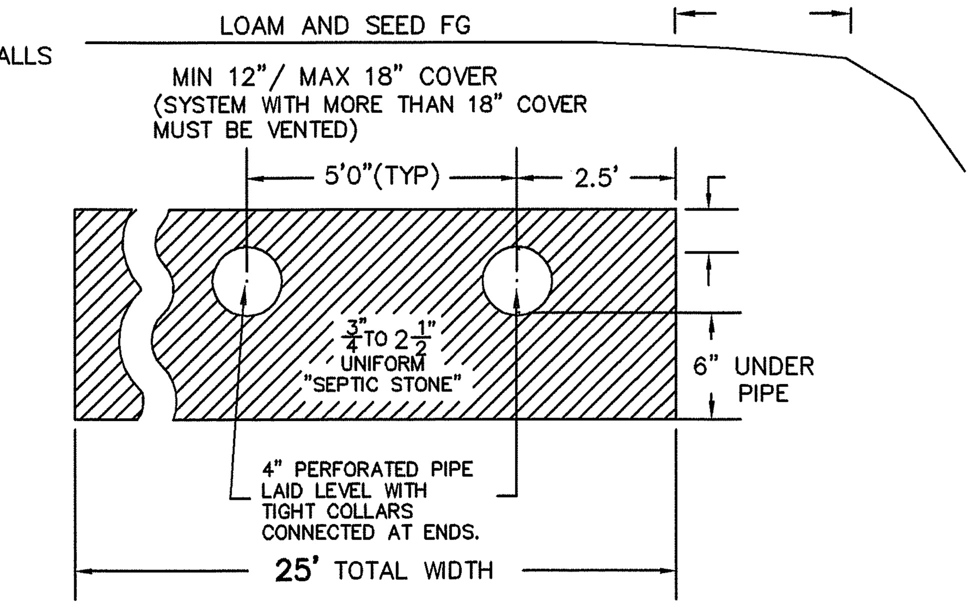
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN D22907
   (PLACEMENT IS APPROXIMATE)
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: #42031
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75'
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 50'
   d) NO HYDRIC A SOILS WITHIN 75'
   OF PROPOSED SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
   INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. WAIVERS FROM TOWN OF GREENLAND REQUIREMENTS ARE REQUESTED AS NEEDED TO ALLOW EXISTING SYSTEM FAILURE TO BE CORRECTED.
7. OWNER IS RESPONSIBLE TO KEEP VEHICLES OFF SYSTEM COMPONENTS WHERE NOT H20. RECOMMEND FENCE OR SIMILAR BARRIER ALONG INSIDE EDGE OF CIRCULAR DRIVE.

PLOT PLAN

1"=APPROX ______

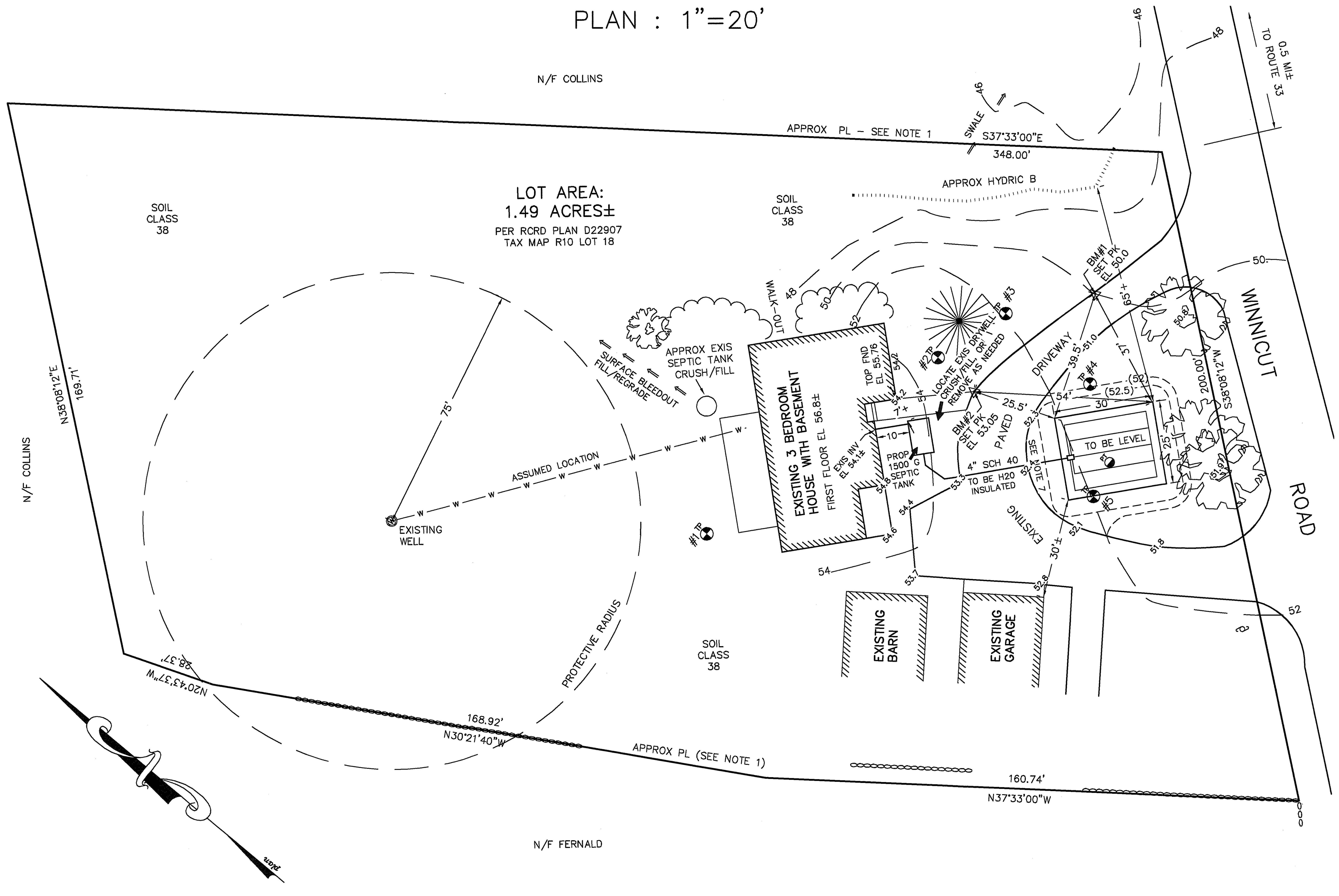


NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.



STONE TO MEET ENV–WQ 1016.04 SPECIFICATIONS

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: #1,#2,#3 JUNE 1, 2009; #4,#5 JUNE 11, 2009

TOWN INSPECTOR: BOB CUSHMAN

TEST PIT #4 ELEV 51.8

0 – 6" 10YR3/4 FINE SANDY LOAM, GRANULAR FRIABLE
6 –42" 10YR4/6 SANDY LOAM, GRANULAR FRIABLE
42–84" 2.5Y5/4 SILT LOAM, RESTRICTIVE

ESHWT @42", GOOD ROOTS TO 5'±, NO REFUSAL, NO OBSERVED WATER

TEST PIT #5 ELEV 52.0

0 – 6" 10YR3/4 FINE SANDY LOAM, GRANULAR FRIABLE
6 –42" 10YR4/6 MEDIUM SAND, GRANULAR FRIABLE
42–84" 2.5Y5/4 SILT LOAM, RESTRICTIVE

ESHWT @42", GOOD ROOTS TO 5'±, NO REFUSAL, NO OBSERVED WATER

TEST PIT #1 – ESHWT, RESTRICTIVE @ 25"
TEST PIT #2 – ESHWT, RESTRICTIVE@ 36", ENCOUNTERED, CRUSHED STONE AND FREE WATER FROM DRYWELL (SEPTIC ODOR)
TEST PIT #3
0 – 8" 10YR3/4 FINE SANDY LOAM, GRANULAR FRIABLE
8–84" 10YR4/4 MEDIUM SAND, GRANULAR FRIABLE
84–90" 2.5Y5/4 SILT LOAM, RESTRICTIVE

ESHWT @84", GOOD ROOTS TO 24"+, NO REFUSAL, NO OBSERVED WATER

PERC TEST DATA

DESIGN PERC RATE: 4 MIN/IN DEPTH: 24"

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

AREA REQUIRED: 617 SF REQUIRED

AREA PROPOSED: 25' X 30' = 750 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 160 WINNICUT ROAD
GREENLAND, NH
TAX MAP R10 LOT 18

OWNER: TROY THIBODEAU
160 WINNICUT ROAD
GREENLAND, NH 03840

NEW HAMPSHIRE Designer of Subsurface Disposal Systems *** Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: JUNE 16 2009

APPROVAL: CA2009097474